

## Special Issue

# Soil Organic Matter: Recent Advancements in Exploring Its Dynamics, Stabilization and Prediction

### Message from the Guest Editors

Despite its low participation (5%) in the soil solid phase, soil organic matter (SOM) is an important component of soil, influencing soil chemical, physical and biological properties; it is commonly referred to as soil quality indicator. SOM preservation, further accrual and stabilization are key to sustain not only soil security and food production, but also to mitigate global warming; thus, understanding the main processes and drivers of SOM formation and persistence in soils is increasingly important to control emissions of greenhouse gases. This Special Issue, 'Soil Organic Matter: Recent Advancements in Exploring Its Dynamics, Stabilization and Prediction', invites authors to submit their manuscripts addressing new findings as well as technological achievements in analyzing SOM. Some potential topics include nutrient cycle; biogeochemistry; soil carbon stocks and stabilization; measurement, monitoring, reporting and verification of soil organic carbon in agricultural landscapes; soil carbon stocks maps; and organic farming. Papers that link SOM dynamics, stocks and stabilization processes to large-scale processes such as carbon and nitrogen cycle are encouraged.

### Guest Editors

Prof. Dr. Érika Flávia Machado Pinheiro

Department of AgroTechnologies and Sustainability, Institute of Agronomy, Federal Rural University of Rio de Janeiro, Seropédica 23890-000, Brazil

Prof. Dr. Marcos Ceddia

Department of AgroTechnologies and Sustainability, Institute of Agronomy, Federal Rural University of Rio de Janeiro, Seropédica 23890-000, Brazil

### Deadline for manuscript submissions

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## Soil Systems

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[soilsystems@mdpi.com](mailto:soilsystems@mdpi.com)

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### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Heike Knicker  
Group of Interactions between Soils, Plants and Microorganisms,  
Department of Food Biotechnology, Instituto de la Grasa (IG-CSIC),  
41012 Sevilla, Spain

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